

FORM PTO-1449  
(Rev. 2-32)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
A3-172 USSERIAL NO.  
1INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Hirata et al.

FILING DATE

GROUP

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AG	AA	5,224,866	07/06/1993	Nakamura et al.	439	81	
	AB	5,310,357	05/10/1994	Olson	439	346	
	AC	5,395,250	03/07/1995	Englert, Jr. et al.	439	65	
	AD	5,727,956	03/17/1998	Mitra et al.	439	74	
	AE	5,971,809	10/26/1999	Ho	439	660	
	AF	5,975,916	11/02/1999	Okura	439	74	
	AG	6,338,630	01/15/2002	Dong	439	74	
	AH	6,540,561	04/01/2003	Masumoto	439	660	
AG	AI	5,181,855	01/26/1993	Mosquera et al.	439	74	
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AG	AP	2000-260509	09/22/2000	Japan	H 01 R	12/16		
	AQ							
	AR							
	AS							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AT		
	AU		

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